

Title (en)

Apparatus for parallel decoding of digital video signals

Title (de)

Vorrichtung zur parallelen Dekodierung von digitalen Bildsignalen

Title (fr)

Appareil pour le décodage en parallèle de signaux vidéo numériques

Publication

**EP 0720374 A1 19960703 (EN)**

Application

**EP 94120967 A 19941230**

Priority

EP 94120967 A 19941230

Abstract (en)

A novel apparatus for decoding an encoded digital video signal is able to carry out a parallel processing, without using a shared memory system. This apparatus comprises detector for detecting slice start codes from the encoded digital video signal and generating a slice start detection signal, control unit for counting the number of the slice start codes of the encoded bit stream, and for generating a control signal in response to the counted number of the slice start codes, switching block for dividing video frame data into two subframes, two first-in first-out(FIFO) buffers for storing the divided video frame data, a image processing device for decompressing the encoded digital video signal and reproducing the original video image signal, and frame formatter for coupling the reproduced original video image signal. <IMAGE>

IPC 1-7

**H04N 7/26**; **H04N 7/50**

IPC 8 full level

**H04N 7/26** (2006.01); **H04N 7/50** (2006.01)

CPC (source: EP)

**H04N 19/436** (2014.11); **H04N 19/61** (2014.11); **H04N 19/30** (2014.11)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

**EP 0720374 A1 19960703**

DOCDB simple family (application)

**EP 94120967 A 19941230**